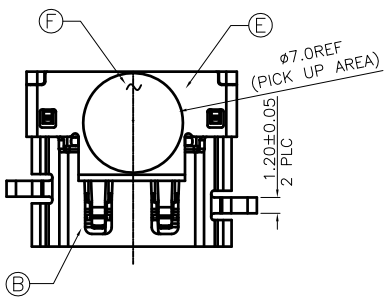
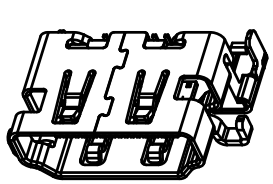
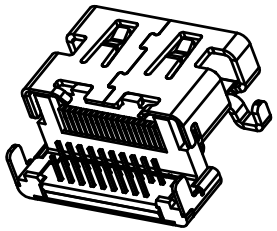
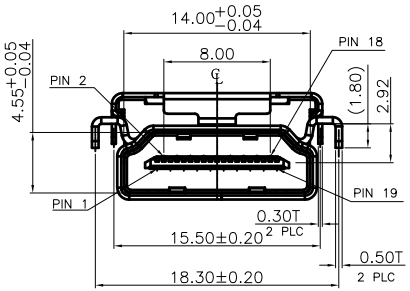
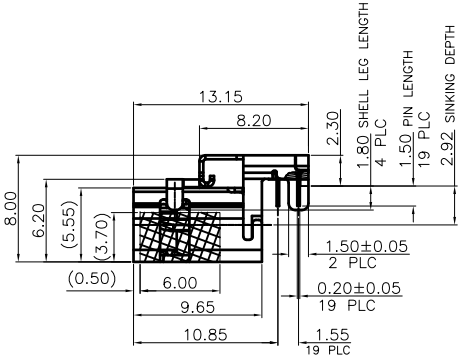
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2012.03.13
B	ECN NO:L120149	IVY-C	2012.11.12
C	ECN NO:S130911	YUREN	2014.02.19
D	ECN NO:S141142	YUREN	2015.01.28

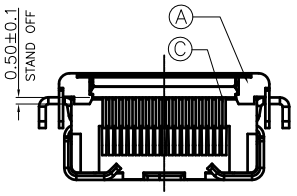


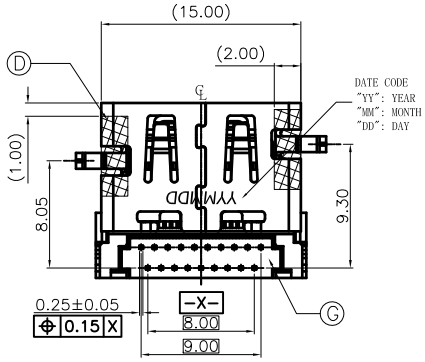


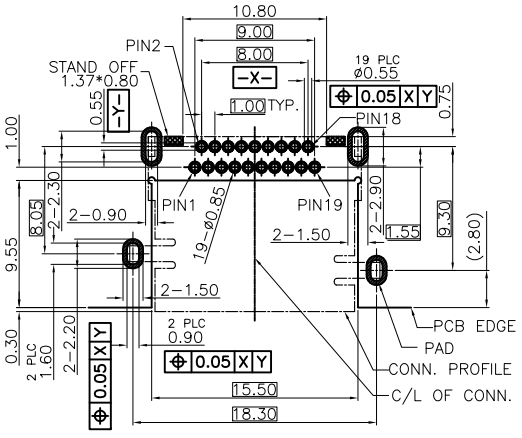




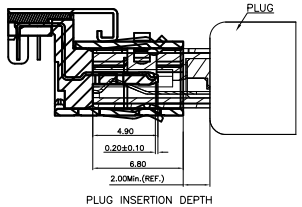








RECOMMENDED PCB LAYOUT(TOP VIEW)
(THICKNESS=1.2±0.05mm)
(TOLERANCE=±0.05mm)



PLUG INSERTION DEPTH

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 0.5 AMP.
   - 1-2. VOLTAGE RATING: 40V.
   - 1-3. CONTACT RESISTANCE: 30mΩ MAX.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. @ 500V DC.
   - 1-5. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 4.5Kgf MAX.
   - 2-2. WITHDRAWAL FORCE: 1.0~4.0Kgf.
3. LIFE TEST: 10,000 CYCLES.
4. OTHER GENERAL SPEC. TO REFER "HDMI SERIES SPEC".
5. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
7. PACKAGE: SEE "2HE1638 SERIES" PACKAGE.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

PART NO.

2HE1638-000111F

- SUFFIX: HALOGEN FREE
- PACKAGE
  1: TAPE AND REEL
- HOUSING COLOR
  1: BLACK
- CONTACT PLATING
  1: 5u" GOLD PLATING ON CONTACT AREA, GOLD FLASH ON SOLDER AREA

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	BOTTOM COVER	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK
F	TOP COVER	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK
E	REAR SHELL	1	STAINLESS STEEL	NICKEL
D	MYLAR	2	KAPTON FILM	YELLOW
C	CONTACT	19	COPPER ALLOY	SEE PART NO.
B	FRONT SHELL	1	STAINLESS STEEL	NICKEL
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2

ANGLES: X :±2°, X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	HDMI A TYPE FEMALE, REVERSE, DIP, CH=2.92			
DWN	YUREN	PART NO. 2HE1638-000111F		
CHKD	Cerry	SCALE2.5:1	UNIT: mm	
APVD	Liao	SIZE: A3	SHEET:1 OF 1	REV:D

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文件編號 RD-06-043-A